

ABSTRACT OF THE DISCLOSURE

A system and method for detecting an edge of a data signal carried on an observability bus. In one embodiment, a first performance counter is connected to receive the data signal in order to assert a trigger signal in response to detecting an assertion of the data signal. A second performance counter is connected to receive the data signal and the trigger signal. The second performance counter detects the edge responsive to detecting the assertion of the data signal and a logic level in the trigger signal that is a complement to a logic level associated with the assertion of the signal.